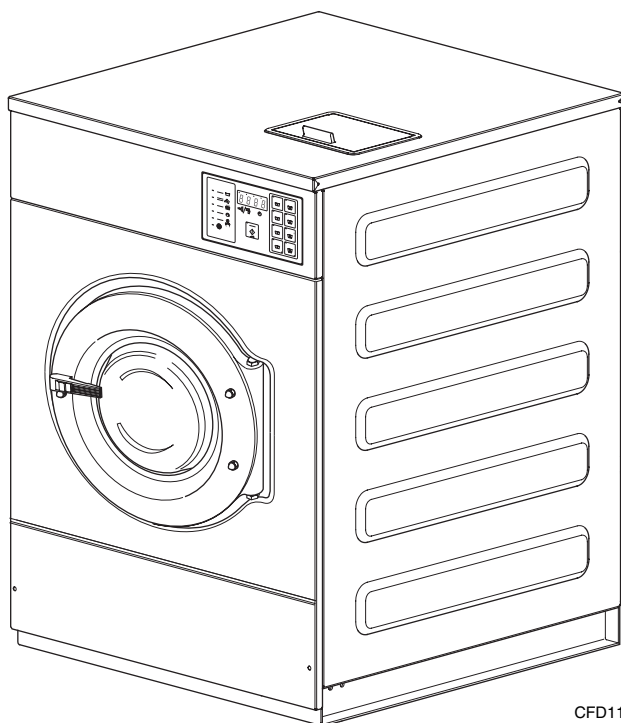


Washer-Extractors

Cabinet Freestanding

Refer to Page 3 for Model Identification

— Operation/Maintenance —



CFD11C

Para bajar una copia de estas instrucciones en español,
visite www.comlaundry.com.

Keep These Instructions for Future Reference.

(If this machine changes ownership, this manual must accompany machine.)



www.comlaundry.com

Part No. 9001910R1
April 2007

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Notes

[illegible]

Introduction

Model Identification

Information in this manual is applicable to these models:

18	NX18BVPA6	NX18BVXA6
	NX18BVPA7	NX18BVXA7
	NX18BVQA6	NX18BVXM6
	NX18BVQA7	NX18BVXM7
30	NX30BVPA6	NX30BVXA6
	NX30BVPA7	NX30BVXA7
	NX30BVQA6	NX30BVXM6
	NX30BVQA7	NX30BVXM7

Introduction

Nameplate Location

The nameplate is located at the rear of the machine. Always provide the machine's serial number and model number when ordering parts or when seeking technical assistance.

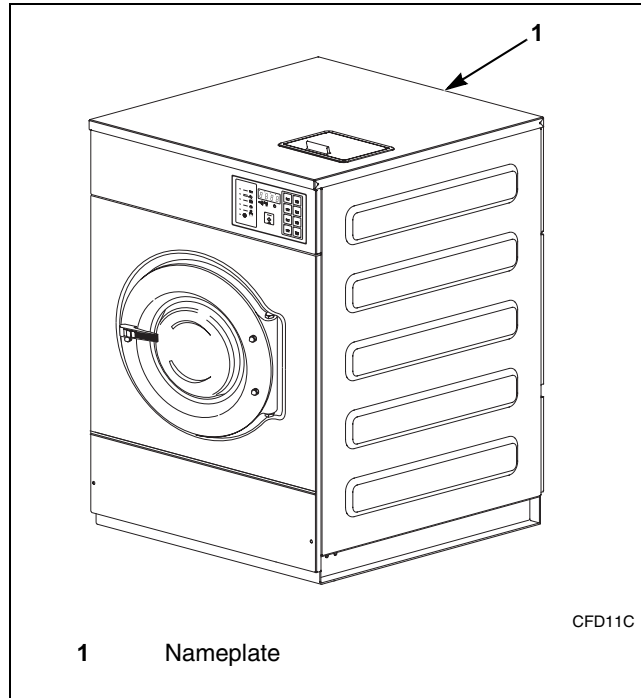


Figure 1

Replacement Parts

If literature or replacement parts are required, contact the source from which the machine was purchased or contact Alliance Laundry Systems at (920) 748-3950 for the name and address of the nearest authorized parts distributor.

Customer Service

For technical assistance, call (920) 748-3121.

Model Number Familiarization Guide	
Sample Model Number: NX18BVXM60001	
NX	Model Number Prefix
18	Washer-Extractor Capacity (pounds dry weight of laundry)
B	Type of Electrical Control
V	Washer-Extractor Speed Capability (V = Variable-Speed)
X	Voltage Code
M6	Design Series (M=Domestic, A=International)
0001	Option Identification (varies from machine to machine)

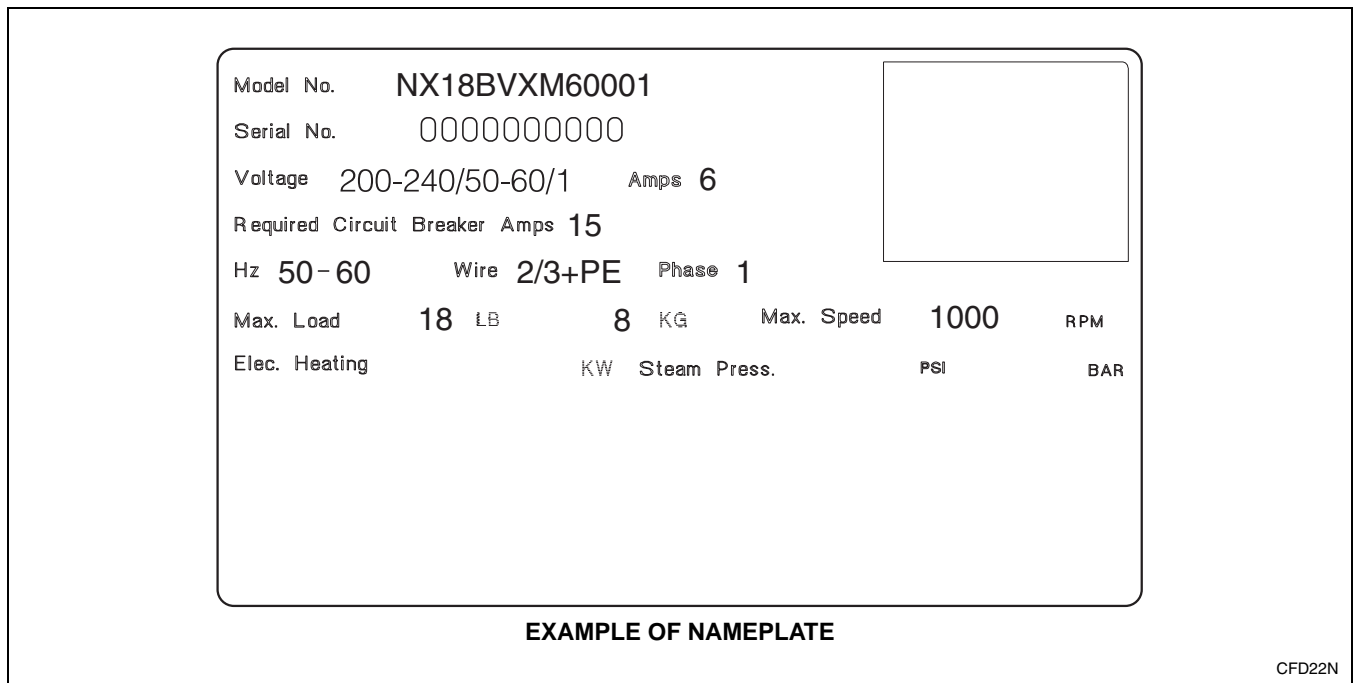


Figure 2


Notes


[illegible]


Safety Information

Explanation of Safety Messages

Throughout this manual and on machine decals, you will find precautionary statements (“DANGER,” “WARNING,” and “CAUTION”) followed by specific instructions. These precautions are intended for the personal safety of the operator, user, servicer, and those maintaining the machine.

	DANGER
Indicates an imminently hazardous situation that, if not avoided, will cause severe personal injury or death.	

	WARNING
Indicates a hazardous situation that, if not avoided, could cause severe personal injury or death.	


	CAUTION
Indicates a hazardous situation that, if not avoided, may cause minor or moderate personal injury or property damage.	

Additional precautionary statements (“IMPORTANT” and “NOTE”) are followed by specific instructions.

IMPORTANT: The word “IMPORTANT” is used to inform the reader of specific procedures where minor machine damage will occur if the procedure is not followed.

NOTE: The word “NOTE” is used to communicate installation, operation, maintenance or servicing information that is important but not hazard related.

Important Safety Instructions

	WARNING
To reduce the risk of fire, electric shock, serious injury or death to persons when using your washer, follow these basic precautions:	
W023	

1. Read all instructions before using the washer.
2. Refer to the GROUNDING INSTRUCTIONS in the INSTALLATION manual for the proper grounding of the washer.
3. Do not wash textiles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, kerosene, waxes, cooking oils, dry-cleaning solvents, or other flammable or explosive substances as they give off vapors that could ignite or explode.
4. Do not add gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
5. Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for two weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot water system has not been used for such a period, before using a washing machine or combination washer-dryer, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. The gas is flammable, do not smoke or use an open flame during this time.
6. Do not allow children to play on or in the washer. This appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.
7. Before the washer is removed from service or discarded, remove the door to the washing compartment.
8. Do not reach into the washer if the wash drum is moving.

Safety Information

9. Do not install or store the washer where it will be exposed to water and/or weather.
10. Do not tamper with the controls.
11. Do not repair or replace any part of the washer, or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that the user understands and has the skills to carry out.
12. To reduce the risk of an electric shock or fire, DO NOT use an extension cord or an adapter to connect the washer to the electrical power source.
13. Use washer only for its intended purpose, washing textiles.
14. ALWAYS disconnect the washer from electrical supply before attempting any service. Disconnect the power cord by grasping the plug, not the cord.
15. Install the washer according to the INSTALLATION INSTRUCTIONS. All connections for water, drain, electrical power and grounding must comply with local codes and be made by licensed personnel when required.
16. To reduce the risk of fire, textiles which have traces of any flammable substances such as vegetable oil, cooking oil, machine oil, flammable chemicals, thinner, etc., or anything containing wax or chemicals such as in mops and cleaning cloths, must not be put into the washer. These flammable substances may cause the fabric to catch on fire by itself.
17. Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
18. Keep washer in good condition. Bumping or dropping the washer can damage safety features. If this occurs, have washer checked by a qualified service person.
19. Replace worn power cords and/or loose plugs.
20. Be sure water connections have a shut-off valve and that fill hose connections are tight. CLOSE the shut-off valves at the end of each wash day.
21. Loading door MUST BE CLOSED any time the washer is to fill, tumble or spin. DO NOT bypass the loading door switch by permitting the washer to operate with the loading door open.
22. Always read and follow manufacturer's instructions on packages of laundry and cleaning aids. Heed all warnings or precautions. To reduce the risk of poisoning or chemical burns, keep them out of the reach of children at all times (preferably in a locked cabinet).
23. Always follow the fabric care instructions supplied by the textile manufacturer.
24. Never operate the washer with any guards and/or panels removed.
25. DO NOT operate the washer with missing or broken parts.
26. DO NOT bypass any safety devices.
27. Failure to install, maintain, and/or operate this washer according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

NOTE: The WARNINGS and IMPORTANT SAFETY INSTRUCTIONS appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when installing, maintaining, or operating the washer.

Any problems or conditions not understood should be reported to the dealer, distributor, service agent or the manufacturer.

Preliminary Information

About the Control

WE-8 B-control on the washer-extractor is an advanced, programmable computer that allows the owner to create wash programs.

The control is factory set-up with 8 pre-programmed cycles and is ready for operation. Refer to ***Pre-Programmed Cycles*** section in the Programming manual.

WE-8 B-control allows the owner to program custom cycles on the machine or with a PC and the Alliance planner software.

IMPORTANT: In the event of a power failure, WE-8 B-control will not have to be reprogrammed. It is designed with a memory system that will remember how it was programmed until the electrical power is restored.

Power Failure Recovery

If a cycle in process and the power fails, the user has one minute to press START (enter) to continue the cycle. If START (enter) is not pressed within the minute, program will drain water and basket will not rotate (safe mode). Control will test speed sensor by steering the wash speed for a brief time. When no speed is detected, control will proceed as if the speed detector failed and the machine cannot be opened until the three minute power failure wait period is done.

[illegible]

Operation

Control Panel

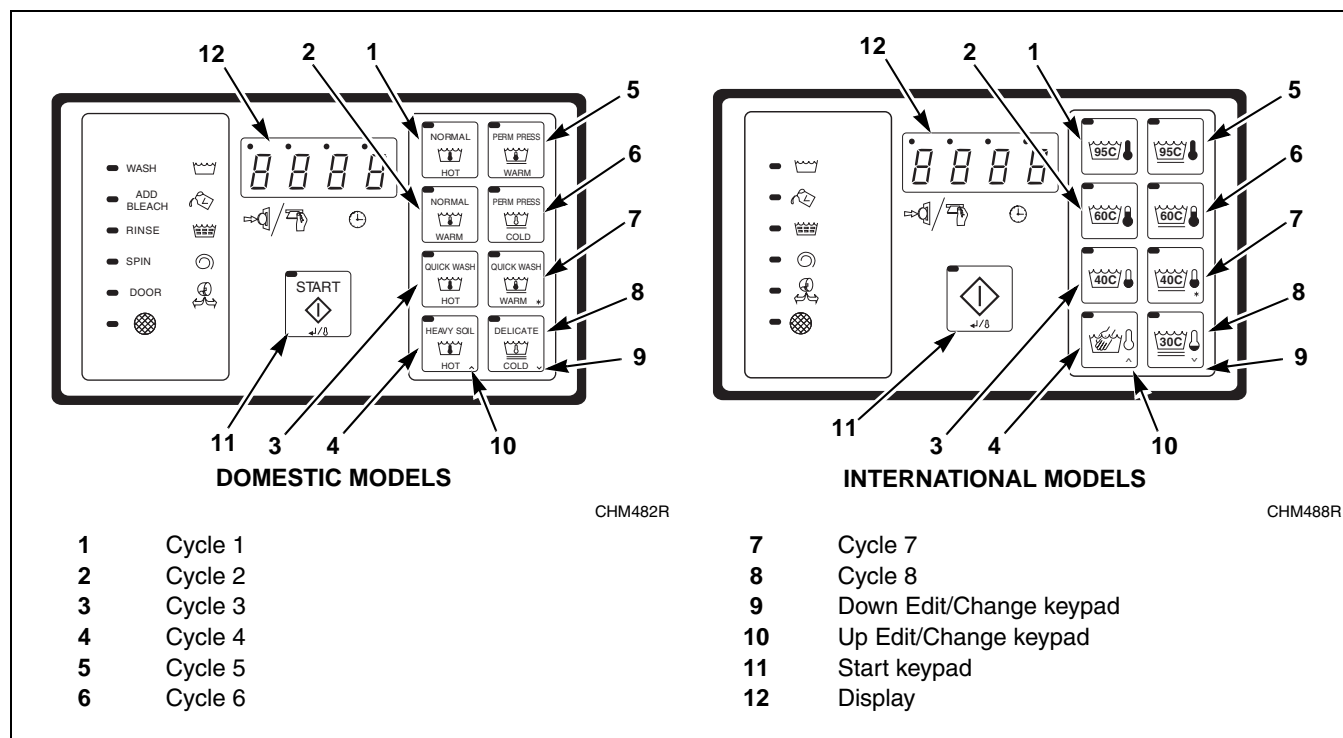


Figure 3

Summary of Major Features

LED for Machine Functions	LED lights inform operator which machine function is active. DOOR LED lights to inform operator that the door can be opened or should be closed. The circle LED is unavailable.
Main LED display	4 digit LED display counts down vend amount and cycle time.
Cycle selection keypads	Eight (8) cycle select keypads with LED indicator to show selected cycle. LED lights will flash to prompt user to press a keypad.
START keypad	Press to start a cycle after payment is made. LED light will flash to prompt user to press keypad.
Payment Methods	Coin – Single denomination coin drop meter, prepped for after market coin drop
Fill Temperatures	Cold, Hot, Warm
Supplies	Three (3) – Supply 1 (Compartment A), 2 (Compartment B), and 3 (Compartment C)
Agitation Types	Normal or Gentle
Drain Options	Normally open gravity drain
Automatic Unlock after Power Failure During Cycle	Standard

Table 1

Operating Instructions

1. Turn on main power source (circuit breaker).
2. Push black button and pull door handle away from machine to open door. Refer to *Figure 4*.

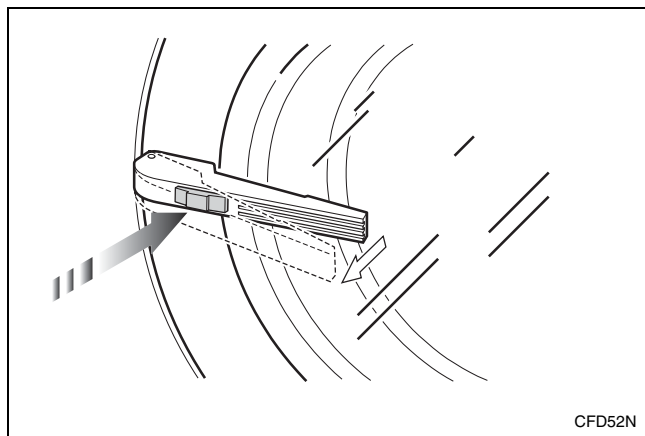


Figure 4

3. Load to capacity whenever possible. DO NOT OVERLOAD. Refer to *Figure 5*.

NOTE: Underloading can cause out-of-balance conditions that can shorten machine life.

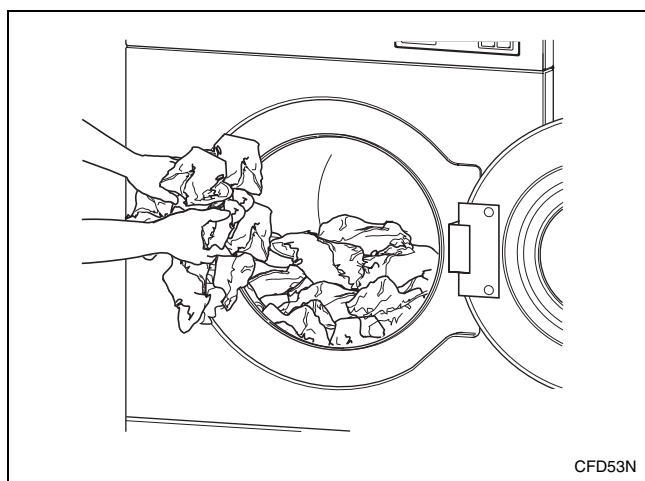


Figure 5

4. Close door by pushing door handle towards machine. Refer to *Figure 6*.

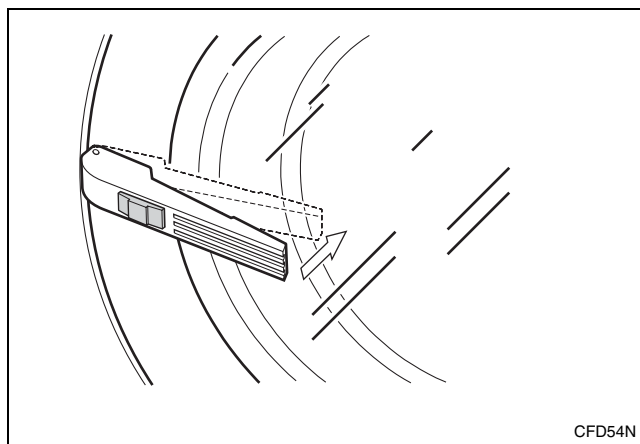


Figure 6

5. The default wash cycle will display.

NOTE: Perm Press Cold is the default cycle for coin models if none is selected.

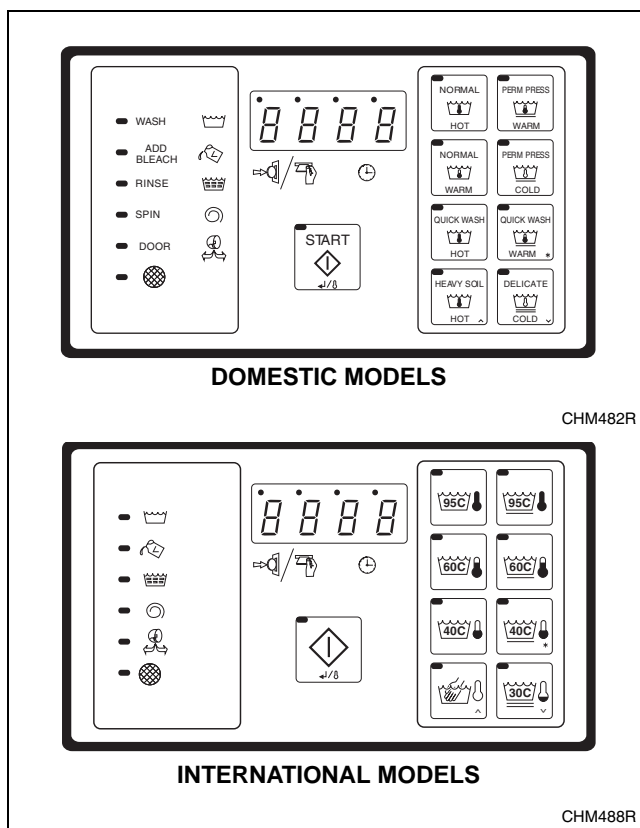


Figure 7

6. If desired, select a different cycle at this point or after satisfying vend. The LED indicator for that cycle will light.
7. Add liquid and/or powder supplies to supply dispenser. Refer to *Figure 8*.
 - a. Add detergent to compartment 1.
 - b. Add softener to compartment 3.

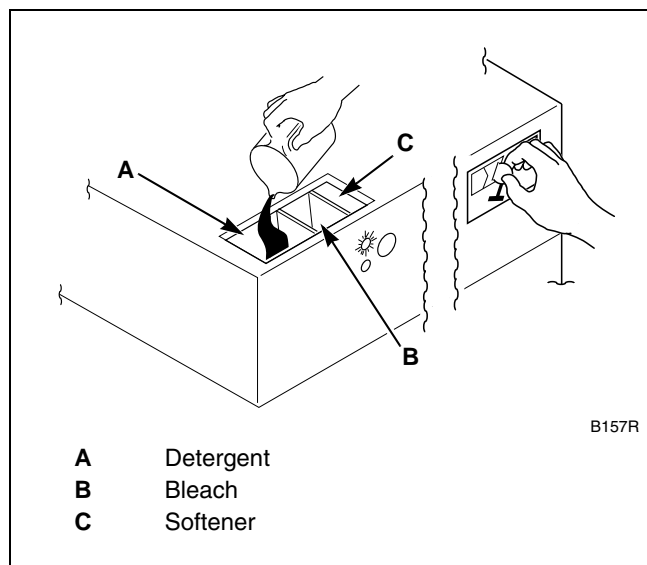



Figure 8

8. Add coins to machine. As each coin is added, the vend counts down to the amount remaining. Refer to *Figure 8*.
9. **When applicable**, add bleach to compartment 2 when the ADD BLEACH LED is lit.
10. Press the desired wash cycle keypad.
11. Press the START keypad and the active cycle remains the chosen wash cycle.
12. When cycle is complete, display shows “donE”.

[illegible]

Maintenance

Routine maintenance maximizes operating efficiency and minimizes downtime. The maintenance procedures described below will prolong the life of the machine and help prevent accidents.

	CAUTION
Replace all panels that are removed to perform service and maintenance procedures. Do not operate the machine with missing guards or with broken or missing parts. Do not bypass any safety devices.	
SW019	

Daily, weekly, monthly, and yearly checklists are provided at the end of this section. Laminate the checklists to preserve them for repeated copying. Operators and technicians are encouraged to add checks specific to their machine's particular application. When possible, space is provided on the checklists for this purpose.

The following maintenance procedures must be performed regularly at the required intervals.

Daily

Beginning of the day

1. Inspect water inlet valve hose connections on the back of the machine for leaks.
2. Inspect steam hose connections for leaks, where applicable.
3. Verify that insulation is intact on all external wires and that all connections are secure. If bare wire is evident, call a service technician.
4. Check door interlock before starting operation:
 - a. Attempt to start the washer with the door open. The washer should not start with the door open.
 - b. Close the door and start the machine. Attempt to open the door while the cycle is in progress. The door should not open.

IMPORTANT: If the door lock and interlock are not functioning properly, take machine out of service. Call a service technician to correct.

End of day

1. Clean the fan of the AC drive box.
2. Clean the entire cabinet of the machine regularly and remove all traces of soap, etc.
3. Remove all detergent residue in the soap dispenser with hot water.
4. Clean the door gasket and remove all detergents and other products.
5. Shut off the main water, steam and power connections at the end of each day. Do not change the setting of the water inlet taps on boiler fed machines once these have been installed.
6. It is recommended to leave the door and the soap dispenser open after use, to ventilate the machine.

NOTE: Unload the machine promptly after each completed cycle to prevent moisture buildup. Leave loading door open at the end of each completed cycle to allow moisture to evaporate.

Weekly

1. Check the machine for leaks.
 - a. Start an unloaded cycle to fill the machine.
 - b. Verify that door and door gasket do not leak.
 - c. Verify that the drain valve is operating. If water does not leak out during the prewash segment, drain valve is closed and functioning properly.

Monthly

NOTE: Disconnect power to the machine at its source before performing the monthly maintenance procedures.

1. Clean the AC drive Box.
 - a. Remove the AC drive box cover.
 - b. Blow the fins clean using compressed air at a pressure of 60-90 psi or by using canned compressed air. Use care to avoid damaging cooling fan or other components.
2. Belts.
 - a. Check belts for uneven wear and frayed edges.
 - b. Verify that belts are properly aligned by checking pulley alignment. Place a straightedge across both pulley faces. The straightedge should make contact with the pulleys in four places.
3. If a machine frequently skips the final spin, check whether the probe of the out of balance switch is still in the appropriate position, that is horizontally centered and vertically 1/3 from the bottom inside the window (when the drum is empty). (See electronic repetition system.)
4. Clean drain pipe.

The water still being in the drain needs to be drained using drain (A) before cleaning the drain pipe or replacing the exhaust valve. Refer to *Figure 9*.

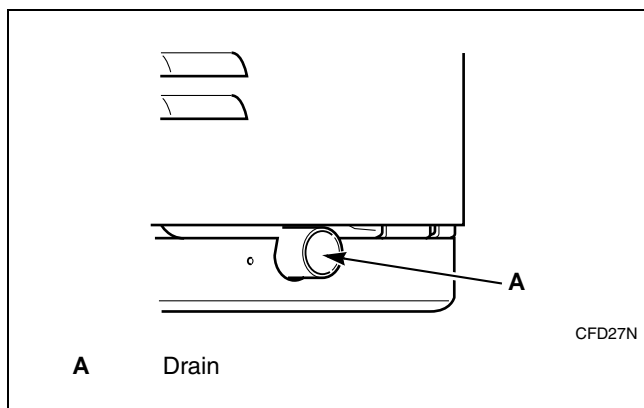


Figure 9

5. Remove back panel and check overflow hose and drain hose for leaks.
6. Clean inlet hose filter screen:
 - a. Turn water off and allow valve to cool, if necessary.
 - b. Unscrew inlet hose and remove filter screen.
 - c. Clean with soapy water, rinse and reinstall. Replace if worn or damaged.
7. Check the supply dispenser hoses for leaks.
8. Use compressed air to clean lint from motor.
9. Clean interior of machine, both basket and shell, by wiping with a water-soaked sponge or cloth.
10. Use compressed air to ensure that all electrical components are free of moisture and dust.

Yearly

Check if the machine is working properly. If you see or hear any abnormal function on the machine call a service technician.

Daily Preventive Maintenance Checklist

Machine _____	Week of: _____						
Operator _____	Days						
Checks	1	2	3	4	5	6	7
Beginning of Day							
1. Inspect water inlet valve hose connections on the back of the machine for leaks.							
2. Inspect steam hose connections for leaks, where applicable.							
3. Verify that insulation is intact on all external wires and that all connections are secure.							
4. Inspect door lock and interlock before starting operation:							
a. Attempt to start the machine with door open.							
b. Close the door and start the machine. Attempt to open the door while the cycle is in progress.							
5.							
End of Day							
1. Clean the fan of the AC drive box.							
2. Clean the entire cabinet of the machine.							
3. Remove all detergent residue in the soap dispenser with hot water.							
4. Clean the door gasket and remove all detergents and other products.							
5. Shut off the main water, steam and power.							
6. Leave loading door open at the end of each day to ventilate the machine.							
7.							
NOTE: Unload the machine promptly <i>after each completed cycle</i> to prevent moisture buildup. NOTE: Leave loading door open <i>after each completed cycle</i> to allow moisture to evaporate.							

Weekly Preventive Maintenance Checklist

Machine _____	Month _____				
Operator _____	Week Ending:				
Checks	/	/	/	/	/
1. Check the machine for leaks:					
a. Start an unloaded cycle to fill the machine.					
b. Verify that door and door gasket do not leak.					
c. Verify that the drain valve is operating.					
2.					
3.					
4.					
5.					
6.					
7.					

Monthly Preventive Maintenance Checklist

Machine _____	Month			
Operator _____				
Checks				
Observe All Safety Warnings! Disconnect power to the machine before performing the monthly maintenance procedures.				
1. Clean the AC drive box.				
2. Belts				
a. Check belts for uneven wear and frayed edges.				
b. Verify that belts are properly aligned by checking pulley alignment.				
3. Remove back panel and check overflow hose and drain hose for leaks.				
4. Clean inlet hose filter screen.				
5. Check the supply dispenser hoses for leaks.				
6. Use compressed air to clean lint from motor.				
7. Clean interior of machine, both basket and shell, by wiping with a water-soaked sponge or cloth.				
8. Use compressed air to ensure that all electrical components are free of moisture and dust.				
9.				
10.				

Yearly Preventive Maintenance Checklist

Machine _____ Operator _____	Year			
Checks				
Observe All Safety Warnings! Disconnect power to the machine before performing the quarterly maintenance procedures.				
1. Check if the machine is working properly. If you see or hear any abnormal function on the machine call a service technician.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				